This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

BLACK BORDERS

☐ BLACK BORDERS	
I IMAGE CUT OFF AT TOP, BOTTOM OR SIDES	
☐ FADED TEXT OR DRAWING	
DEBLURRED OR ILLEGIBLE TEXT OR DRAWING	
C skewed/slanted images	
COLOR OR BLACK AND WHITE PHOTOGRAPHS	
☐ GRAY SCALE DOCUMENTS	
☐ LINES OR MARKS ON ORIGINAL DOCUMENT	
☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY	
OTHER:	

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership	Publications/Services	Stand
	■ Xplore	Œ
	RELEASE 1.8	

dards Conferences Careers/Jobs

Welcome
United States Patent and Trademark Office



A CALLEST MATERIAL OF THE STATE	RELEASE 1.8
Help FAQ Terms IEEE	Peer Review Quick Links >> Se
Welcome to IEEE Xplore* - Home - What Can I Access? - Log-out	Your search matched 19 of 1075719 documents. A maximum of 500 results are displayed, 15 to a page, sorted by Relevance Descending order.
Tables of Contents O Journals & Magazines Conference Proceedings	Refine This Search: You may refine your search by editing the current search expression or enter new one in the text box. 'finite element' and fluid and direction Check to search within this result set
C- Standards Search	Results Key: JNL = Journal or Magazine CNF = Conference STD = Standard
O- By Author O- Basic O- Advanced Member Services O- Join IEEE O- Establish IEEE	1 Directional scholte wave generation and detection using interdigita capacitive micromachined ultrasonic transducers McLean, J.; Degertekin, F.L.; Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on , Volu 51 , Issue: 6 , June 2004 Pages: 756 - 764
Web Account	[Abstract] [PDF Full-Text (1424 KB)] IEEE JNL
Access the IEEE Member Digital Library IEEE Enterprise Access the IEEE Enterprise File Cabinet	2 Directional scholte wave generation and detection using interdigita capacitive micromachined ultrasonic transducers McLean, J.; Degertekin, F.L.; Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on , Volume 151, Issue: 6, June 2004 Pages: 756 - 764
Print Format	[Abstract] [PDF Full-Text (1424 KB)] IEEE JNL
	Temperature distribution in fluids treated by pulsed electric fields [preservation] van den Bosch, H.F.M.; Morshuis, P.H.F.; Smit, J.J.; Electrical Insulation and Dielectric Phenomena, 2001 Annual Report. Conference on , 14-17 Oct. 2081 Pages: 552 - 555 [Abstract] [PDF Full-Text (462 KB)] IEEE CNF

4 Manufacturing variation of the measuring tube in a Coriolis flowmel Wang, T.; Baker, R.C.; Science, Measurement and Technology, IEE Proceedings- , Volume: 151 , Issi

3,2 May Pages: 201

[PDF Full-Text (1337 KB)] [Abstract] **IEE JNL**

5 Structural optimization analysis of endothelial cell remodeling to flu flow

Ohashi, T.; Seo, S.; Matsumoto, T.; Sato, M.; [Engineering in Medicine and Biology, 2002. 24th Annual Conference and the Annual Fall Meeting of the Biomedical Engineering Society | EMBS/BMES Conference, 2002. Proceedings of the Second Joint, Volume: 1, 2002. Pages: 366 vol.1

[Abstract] [PDF Full-Text (157 KB)] **IEEE CNF**

6 Rapid exploration of curvilinear grids using direct volume rendering Van Gelder, A.; Wilhelms, J.;

Visualization, 1993. Visualization '93, Proceedings., IEEE Conference on, 25-Oct. 1993

Pages:70 - 77

[Abstract] [PDF Full-Text (756 KB)] **IEEE CNF**

7 Dynamic behavior of thin plates under impulsive magnetic field

Tani, J.; Minagawa, M.; Ohtomo, K.; Saigo, M.;

Magnetics, IEEE Transactions on , Volume: 26 , Issue: 2 , Mar 1990

Pages:544 - 547

[Abstract] [PDF Full-Text (220 KB)] **IEEE JNL**

8 Physically realistic simulation of large deformations using LEM for interactive applications

Sundaraj, K.; Laugier, C.;

Intelligent Robots and System, 2002. IEEE/RSJ International Conference

on , Volume: 3 , 30 Sept.-5 Oct. 2002

Pages: 3054 - 3059 vol.3

[Abstract] [PDF Full-Text (810 KB)] **IEEE CNF**

9 Cast heatsink design advantages

Keller, K.P.;

Thermal and Thermomechanical Phenomena in Electronic Systems, 1998. ITH '98. The Sixth Intersociety Conference on , 27-30 May 1998 Pages:112 - 117

[Abstract] [PDF Full-Text (460 KB)] **IEEE CNF**

10 A study on the pumping forces of the magnetic fluid linear pump

Gwan Soo Park; Kang Seo;

Magnetics, IEEE Transactions on , Volume: 39 , Issue: 3 , May 2003

Pages:1468 - 1471

[Abstract] [PDF Full-Text (890 KB)] IEEE JNL

11 Numerical simulation of electric field distributions in electrohydrodynamic two-phase flow regimes

Cotton, J.S.; Brocilo, D.; Chang, J.-S.; Shoukri, M.; Smith-Pollard, T.; Dielectrics and Electrical Insulation, IEEE Transactions on [see also Electrical Insulation, IEEE Transactions on], Volume: 10, Issue: 1, Feb. 2003
Pages: 37 - 51

[Abstract] [PDF Full-Text (888 KB)] IEEE JNL

12 Plate tectonics and convection in the Earth's mantle: toward a numerical simulation

Moresi, L.; Gurnis, M.; Shijie Zhong; Computing in Science & Engineering [see also IEEE Computational Science ar Engineering], Volume: 2, Issue: 3, May-June 2000 Pages: 22 - 33

[Abstract] [PDF Full-Text (2140 KB)] IEEE JNL

13 Modeling of piezoelectric sensor fidelity

Varadan, V.V.; Kim, J.; Varadan, V.K.; Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on , Volu 44 , Issue: 3 , May 1997 Pages: 538 - 547

[Abstract] [PDF Full-Text (940 KB)] IEEE JNL

14 Finite element simulation and visualization of leaky Rayleigh wave ultrasonic NDE

Xue, T.; Lord, W.; Udpa, S.; Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on , Volu 44 , Issue: 3 , May 1997 Pages:557 - 564

[Abstract] [PDF Full-Text (1124 KB)] IEEE JNL

15 Electromagnetic design for hard disk drive spindle motors with flui film lubricated bearings

Liu, Z.J.; Bi, C.; Zhang, Q.D.; Jabbar, M.A.; Low, T.S.; Magnetics, IEEE Transactions on , Volume: 32 , Issue: 5 , Sept. 1996 Pages: 3893 - 3895

[Abstract] [PDF Full-Text (300 KB)] IEEE JNL

1 2 Next

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account |
New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online
Publications | Help | FAQ| Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved

Print Format

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



	W
Membership Publica	tions/Services Standards Conferences Careers/Jobs
Help FAQ Terms IEE	Welcome United States Patent and Trademark Office Peer Review Quick Links Welcome United States Patent and Trademark Office **Section** **Secti
Welcome to IEEE Xplore*	
O- Home O- What Can I Access? O- Log-out	Your search matched 14 of 1075719 documents. A maximum of 500 results are displayed, 15 to a page, sorted by Relevance Descending order.
Tables of Contents	Refine This Search: You may refine your search by editing the current search expression or entering the current search expression or expressio
- Journals & Magazines - Conference Proceedings - Standards	new one in the text box. 'finite element' and weight* and coefficient Check to search within this result set Results Key:
Search	JNL = Journal or Magazine CNF = Conference STD = Standard
O- By Author O- Basic O- Advanced	1 Antenna Mechanic-computation of antenna vibration mode elastic-r and effective-weight coefficients Levy, R.;
Member Services	Antennas and Propagation Magazine, IEEE , Volume: 34 , Issue: 3 , June 199
O- Join IEEE O- Establish IEEE Web Account	Pages:75 - 80 [Abstract] [PDF Full-Text (392 KB)] IEEE JNL
O- Access the IEEE Member Digital Library	 Analysis of attractive force of pull-type single phase AC electromage Kawase, Y.; Ito, S.; Magnetics, IEEE Transactions on , Volume: 26 , Issue: 2 , Mar 1990 Pages:1046 - 1049
TEEE Enterprise	1 uges.1040 1045
O- Access the IEEE Enterprise	[Abstract] [PDF Full-Text (332 KB)] IEEE JNL
File Cabinet	3 Artificial finger skin having ridges and distributed tactile sensors us

3 Artificial finger skin having ridges and distributed tactile sensors us for grasp force control

Yamada, D.; Maeno, T.; Yamada, Y.;

Intelligent Robots and Systems, 2001. Proceedings. 2001 IEEE/RSJ Internatic Conference on , Volume: 2 , 29 Oct.-3 Nov. 2001 Pages: 686 - 691 vol.2

[Abstract] [PDF Full-Text (463 KB)] IEEE CNF

 4 Thermal characterization of a PLCC-expanded ${\bf R_{jc}}$ methodology

Krueger, W.; Bar-Cohen, A.;

Thermal Phenomena in Electronic Systems, 1992. I-THERM III, InterSociety Conference on , 5-8 Feb. 1992

Pages: 263 - 270

[PDF Full-Text (608 KB)] [Abstract]

5 A finite-element method for computing three-dimensional electromagnetic fields in inhomogeneous media

Mur, G.; de Hoop, A.;

Magnetics, IEEE Transactions on , Volume: 21 , Issue: 6 , Nov 1985

Pages:2188 - 2191

[Abstract] [PDF Full-Text (352 KB)] **IEEE JNL**

6 Effective material properties and thermal stress analysis of epoxy molding compound in electronic packaging

Dong Kil Shin; Jung Ju Lee;

Components, Packaging, and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on], Volume: 21, Issue: 4, N 1998

Pages:413 - 421

[Abstract] [PDF Full-Text (552 KB)] **IEEE JNL**

7 Electrostatic solution for three-dimensional arbitrarily shaped conducting bodies using finite element and measured equation of invariance

Henderson, J.H.; Rao, S.M.;

Antennas and Propagation, IEEE Transactions on , Volume: 46 , Issue: 11 , N

1998

Pages:1660 - 1664

[PDF Full-Text (104 KB)] [Abstract] **IEEE JNL**

8 Comments on "A super absorbing boundary condition for the analys waveguide discontinuities with the finite-difference method" [and rej Ramahi, O.M.; Khebir, A.; Mittra, R.; Jian Yi Zhou; Wei Hong; Microwave and Guided Wave Letters, IEEE [see also IEEE Microwave and Wire Components Letters], Volume: 8, Issue: 5, May 1998 Pages: 208 - 209

[Abstract] [PDF Full-Text (28 KB)] **IEEE JNL**

9 Transient thermal analysis of induction motors

Rajagopal, M.S.; Seetharamu, K.N.; Ashwathnarayana, P.A.; Energy Conversion, IEEE Transactions on , Volume: 13 , Issue: 1 , March 199 Pages:62 - 69

[Abstract] [PDF Full-Text (528 KB)]

10 The finite-element modeling of three-dimensional time-domain electromagnetic fields in strongly inhomogeneous media

Magnetics, IEEE Transactions on , Volume: 28 , Issue: 2 , Mar 1992

Pages:1130 - 1133

[Abstract] [PDF Full-Text (348 KB)]

11 Control of grasping force by detecting stick/slip distribution at the curved surface of an elastic finger

Maeno, T.; Hiromitsu, S.; Kawai, T.;

Robotics and Automation, 2000. Proceedings. ICRA '00. IEEE International

Conference on , Volume: 4 , 24-28 April 2000

Pages: 3895 - 3900 vol.4

[Abstract] [PDF Full-Text (452 KB)] **IEEE CNF**

12 Development of a tibial slider to evaluate and validate a finite elem model for friction in total knee implants

Shaw, K.; Nowak, M.D.; Lewis, C.; Enderle, J.D.;

Bioengineering Conference, 2000. Proceedings of the IEEE 26th Annual

Northeast, 8-9 April 2000

Pages:13 - 14

[Abstract] [PDF Full-Text (196 KB)]

13 Transient thermal analysis of induction motors

Rajagopal, M.S.; Seetharamu, K.N.; Ashwathnarayana, P.A.; Power Electronics, Drives and Energy Systems for Industrial Growth, 1996., Proceedings of the 1996 International Conference on , Volume: 2 , 8-11 Jan. Pages:932 - 939 vol.2

[Abstract] [PDF Full-Text (468 KB)] **IEEE CNF**

14 Linear finite element method in axisymmetric magnetostatic proble

Lencova, B.; Lenc, M.;

Magnetics, IEEE Transactions on , Volume: 28 , Issue: 2 , Mar 1992

Pages:1107 - 1110

[PDF Full-Text (320 KB)] [Abstract] **IEEE JNL**

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Copyright © 2004 IEEE - All rights reserved

IEEE HOME ! SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Welcome to IEEE Xplore*
Your search matched 2 of 1075719 documents. A maximum of 500 results are displayed, 15 to a page, sorted by Relevance Descending order. Refine This Search: You may refine your search by editing the current search expression or enterinew one in the text box. Journals Magazines Conference Proceedings Search Check to search within this result set Results Key: JNL = Journal or Magazine CNF = Conference STD = Standard
new one in the text box. 'finite element' and 'four dimensional' Search Check to search within this result set Check to search within this re
O- Journals & Magazines O- Conference Proceedings O- Standards O- Sta
Check to search within this result set Check to search within this result set Results Key: JNL = Journal or Magazine CNF = Conference STD = Standard
JNL = Journal or Magazine CNF = Conference STD = Standard
O- By Author O- Basic O- Advanced 1 An analysis of the electromagnetic field in double-pole linear induct system Chervenkova, T.; Applied Electromagnetism, 2000. Proceedings of the Second International Symposium of Trans Black Sea Region on , 27-29 June 2000 Pages: 131
O- Establish IEEE [Abstract] [PDF Full-Text (20 KB)] IEEE CNF
O- Access the IEEE Member Digital Library 2 Capacitances of a planar multiconductor configuration on a dielectric substrate by a mixed order finite-element method Benedek, P.; Circuits and Systems, IEEE Transactions on , Volume: 23 , Issue: 5 , May 197
O- Access the IEEE Enterprise File Cabinet [Abstract] [PDF Full-Text (592 KB)] IEEE JNL

Print Format

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online | Publications | Help | FAQ | Terms | Back to Top

Copyright © 2004 IEEE - All rights reserved